

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	190	inverter same (engine near4 (compartment or bay or room))	US-PGPUB; USPAT	OR	ON	2009/09/28 18:34
S2	16	("3828880" "4042056" "4271452" "5355581" "5495906" "5669590" "5689174" "6435294" "6460642" "6488107" "6627817" "6664678" "6710249" "6766874" "6856057" "6870336"). PN. OR ("7343992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/28 19:32
S3	1	("2003/0226653").URPN.	USPAT	OR	OFF	2009/09/28 19:39
S4	7	("3828880" "5416595" "5524726" "6460642" "7025160" "7079379" "7144039").FN.	USPAT	OR	OFF	2009/09/28 19:49
S5	931	180/68.5	US-PGPUB; USPAT	OR	OFF	2009/09/29 12:27
S6	191	inverter same (engine near4 (compartment or bay or room))	US-PGPUB; USPAT	OR	ON	2009/09/29 12:27
S7	16	("3828880" "4042056" "4271452" "5355581" "5495906" "5669590" "5689174" "6435294" "6460642" "6488107" "6627817" "6664678" "6710249" "6766874" "6856057" "6870336"). PN. OR ("7343992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/29 12:27
S8	1	("2003/0226653").URPN.	USPAT	OR	OFF	2009/09/29 12:27
S9	7	("3828880" "5416595" "5524726" "6460642" "7025160" "7079379" "7144039").FN.	USPAT	OR	OFF	2009/09/29 12:27
S10	919	S5 not (S6 or S7 or S8 or S9)	US-PGPUB; USPAT	OR	OFF	2009/09/29 12:27
S11	57	S10 and inverter	US-PGPUB; USPAT	OR	OFF	2009/09/29 12:32

S12	8	("20050205316" "20060201753" "5476151" "5906410" "6494286" "7185723" "7213671" "7392782").PN. OR ("7510036").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/29 12:34
S13	53	("1488720" "1726398" "2647011" "2797957" "2981554" "3058771" "3231292" "3270829" "3347334" "3471070" "3477538" "3863729" "3865210" "3933216" "4013136").PN. OR ("4074786").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/29 15:03
S14	12475	180/68.1, "68.3"	US-PGPUB; USPAT	OR	OFF	2009/09/29 18:41
S15	922	(180/68.5).CCLS	US-PGPUB; USPAT	OR	OFF	2009/09/29 18:41
S16	1226	(180/68.1,68.3).CCLS	US-PGPUB; USPAT	OR	OFF	2009/09/29 18:41
S17	1191	S16 not (S5 or S6 or S7 or S8 or S9)	US-PGPUB; USPAT	OR	OFF	2009/09/29 18:41
S18	18	S16 and inverter	US-PGPUB; USPAT	OR	OFF	2009/09/29 18:42
S19	41	S16 and converter	US-PGPUB; USPAT	OR	OFF	2009/09/29 18:48
S20	34	S19 not S18	US-PGPUB; USPAT	OR	OFF	2009/09/29 18:49
S21	773	(180/291).CCLS	US-PGPUB; USPAT	OR	OFF	2009/09/29 19:07
S22	745	S21 not (S16 or S5 or S6 or S7 or S8 or S9)	US-PGPUB; USPAT	OR	OFF	2009/09/29 19:07
S23	4	S22 and inverter	US-PGPUB; USPAT	OR	ON	2009/09/29 19:08
S24	651	(180/292,296).CCLS	US-PGPUB; USPAT	OR	OFF	2009/09/29 19:17
S25	2	("20020189873" "6402229").PN. OR ("7222692").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/29 19:23
S26	564	S24 not (S21 or S16 or S5 or S6 or S7 or S8 or S9)	US-PGPUB; USPAT	OR	OFF	2009/09/29 19:30
S27	936	(180/311,312).CCLS	US-PGPUB; USPAT	OR	OFF	2009/09/29 20:43
S28	775	S27 not (S24 or S21 or S16 or S5 or S6 or S7 or S8 or S9)	US-PGPUB; USPAT	OR	OFF	2009/09/29 20:44

S29	956	(180/232,274).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/09/29 20:57
S30	913	S29 not (S27 or S24 or S21 or S16 or S5 or S6 or S7 or S8 or S9)	US-PGPUB; USPAT	OR	OFF	2009/09/29 20:57
S31	172	(180/65.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/09/29 21:14
S32	327	(180/297).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/09/29 21:47
S33	225	S32 not (S29 or S27 or S24 or S21 or S16 or S5 or S6 or S7 or S8 or S9)	US-PGPUB; USPAT	OR	OFF	2009/09/29 21:48
S34	215	inverter same (engine near4 (compartment or bay or room))	US-PGPUB; USPAT	OR	ON	2010/03/10 20:51
S35	16	("3828880" "4042056" "4271452" "5355581" "5495906" "5669590" "5689174" "6435294" "6460642" "6488107" "6627817" "6664678" "6710249" "6766874" "6856057" "6870336"). PN. OR ("7343992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 20:51
S36	4	("2003/0226653").URPN.	USPAT	OR	OFF	2010/03/10 20:51
S37	7	("3828880" "5416595" "5524726" "6460642" "7025160" "7079379" "7144039").PN.	USPAT	OR	OFF	2010/03/10 20:51
S38	983	180/68.5	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S39	215	inverter same (engine near4 (compartment or bay or room))	US-PGPUB; USPAT	OR	ON	2010/03/10 20:51
S40	16	("3828880" "4042056" "4271452" "5355581" "5495906" "5669590" "5689174" "6435294" "6460642" "6488107" "6627817" "6664678" "6710249" "6766874" "6856057" "6870336"). PN. OR ("7343992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 20:51
S41	4	("2003/0226653").URPN.	USPAT	OR	OFF	2010/03/10 20:51
S42	7	("3828880" "5416595" "5524726" "6460642" "7025160" "7079379" "7144039").PN.	USPAT	OR	OFF	2010/03/10 20:51

S43	970	S38 not (S39 or S40 or S41 or S42)	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S44	61	S43 and inverter	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S45	8	("20050205316" "20060201753" "5476151" "5906410" "6494286" "7185723" "7213671" "7392782"). PN. OR ("7510036").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 20:51
S46	53	("1488720" "1726398" "2647011" "2797957" "2981554" "3058771" "3231292" "3270829" "3347334" "3471070" "3477538" "3863729" "3865210" "3933216" "4013136").PN. OR ("4074786").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 20:51
S47	12981	180/68.1, "68.3"	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S48	950	(180/68.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S49	1255	(180/68.1,68.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S50	1213	S49 not (S38 or S39 or S40 or S41 or S42)	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S51	21	S49 and inverter	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S52	45	S49 and converter	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S53	36	S52 not S51	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S54	784	(180/291).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S55	751	S54 not (S49 or S38 or S39 or S40 or S41 or S42)	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S56	4	S55 and inverter	US-PGPUB; USPAT	OR	ON	2010/03/10 20:51
S57	666	(180/292,296).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S58	2	("20020189873" "6402229").PN. OR ("7222692").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 20:51
S59	576	S57 not (S54 or S49 or S38 or S39 or S40 or S41 or S42)	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51

S60	959	(180/311,312).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S61	797	S60 not (S57 or S54 or S49 or S38 or S39 or S40 or S41 or S42)	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S62	990	(180/232,274).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S63	946	S62 not (S60 or S57 or S54 or S49 or S38 or S39 or S40 or S41 or S42)	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S64	203	(180/65.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S65	327	(180/297).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S66	225	S65 not (S62 or S60 or S57 or S54 or S49 or S38 or S39 or S40 or S41 or S42)	US-PGPUB; USPAT	OR	OFF	2010/03/10 20:51
S67	2695	(180/271,274).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/10 20:54
S68	242	S67 and (inverter or converter)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/10 21:07
S73	36	"191385"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/12 14:23
S74	0	"2002191385"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/12 14:24
S75	1	"20020191385"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/12 14:24
S76	1	"20030066694"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/12 14:25
S77	1	("6402229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/12 14:26
S78	1	"20090256420"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/12 14:31
S79	226	inverter same (engine near4 (compartment or bay or room))	US-PGPUB; USPAT	OR	ON	2010/06/15 21:43

S80	16	("3828880" "4042056" "4271452" "5355581" "5495906" "5669590" "5689174" "6435294" "6460642" "6488107" "6627817" "6664678" "6710249" "6766874" "6856057" "6870336"). PN. OR ("7343992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S81	4	("2003/0226653").URPN.	USPAT	OR	OFF	2010/06/15 21:43
S82	7	("3828880" "5416595" "5524726" "6460642" "7025160" "7079379" "7144039").PN.	USPAT	OR	OFF	2010/06/15 21:43
S83	1020	180/68.5	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S84	226	inverter same (engine near4 (compartment or bay or room))	US-PGPUB; USPAT	OR	ON	2010/06/15 21:43
S85	16	("3828880" "4042056" "4271452" "5355581" "5495906" "5669590" "5689174" "6435294" "6460642" "6488107" "6627817" "6664678" "6710249" "6766874" "6856057" "6870336"). PN. OR ("7343992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S86	4	("2003/0226653").URPN.	USPAT	OR	OFF	2010/06/15 21:43
S87	7	("3828880" "5416595" "5524726" "6460642" "7025160" "7079379" "7144039").PN.	USPAT	OR	OFF	2010/06/15 21:43
S88	1006	S83 not (S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S89	66	S88 and inverter	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S90	8	("20050205316" "20060201753" "5476151" "5906410" "6494286" "7185723" "7213671" "7392782"). PN. OR ("7510036").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43

S91	54	("1488720" "1726398" "2647011" "2797957" "2981554" "3058771" "3231292" "3270829" "3347334" "3471070" "3477538" "3863729" "3865210" "3933216" "4013136").FN. OR ("4074786").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S92	13307	180/68.1, "68.3"	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S93	971	(180/68.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S94	1283	(180/68.1,68.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S95	1237	S94 not (S83 or S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S96	22	S94 and inverter	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S97	47	S94 and converter	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S98	37	S97 not S96	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S99	795	(180/291).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S100	757	S99 not (S94 or S83 or S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S101	4	S100 and inverter	US-PGPUB; USPAT	OR	ON	2010/06/15 21:43
S102	674	(180/292,296).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S103	2	("20020189873" "6402229").FN. OR ("7222692").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S104	582	S102 not (S99 or S94 or S83 or S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S105	980	(180/311,312).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S106	812	S105 not (S102 or S99 or S94 or S83 or S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S107	1024	(180/232,274).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S108	977	S107 not (S105 or S102 or S99 or S94 or S83 or S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43

S109	216	(180/65.22).CCLS	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S110	327	(180/297).CCLS	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S111	225	S110 not (S107 or S105 or S102 or S99 or S94 or S83 or S84 or S85 or S86 or S87)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S112	226	inverter same (engine near4 (compartment or bay or room))	US-PGPUB; USPAT	OR	ON	2010/06/15 21:43
S113	16	("3828880" "4042056" "4271452" "5355581" "5495906" "5669590" "5689174" "6435294" "6460642" "6488107" "6627817" "6664678" "6710249" "6766874" "6856057" "6870336"). PN. OR ("7343992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S114	4	("2003/0226653").URPN.	USPAT	OR	OFF	2010/06/15 21:43
S115	7	("3828880" "5416595" "5524726" "6460642" "7025160" "7079379" "7144039").PN.	USPAT	OR	OFF	2010/06/15 21:43
S116	1020	180/68.5	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S117	226	inverter same (engine near4 (compartment or bay or room))	US-PGPUB; USPAT	OR	ON	2010/06/15 21:43
S118	16	("3828880" "4042056" "4271452" "5355581" "5495906" "5669590" "5689174" "6435294" "6460642" "6488107" "6627817" "6664678" "6710249" "6766874" "6856057" "6870336"). PN. OR ("7343992").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S119	4	("2003/0226653").URPN.	USPAT	OR	OFF	2010/06/15 21:43
S120	7	("3828880" "5416595" "5524726" "6460642" "7025160" "7079379" "7144039").PN.	USPAT	OR	OFF	2010/06/15 21:43
S121	1006	S116 not (S117 or S118 or S119 or S120)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S122	66	S121 and inverter	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43

S123	8	("20050205316" "20060201753" "5476151" "5906410" "6494286" "7185723" "7213671" "7392782"). PN. OR ("7510036").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S124	54	("1488720" "1726398" "2647011" "2797957" "2981554" "3058771" "3231292" "3270829" "3347334" "3471070" "3477538" "3863729" "3865210" "3933216" "4013136").PN. OR ("4074786").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S125	13307	180/68.1, "68.3"	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S126	971	(180/68.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S127	1283	(180/68.1,68.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S128	1237	S127 not (S116 or S117 or S118 or S119 or S120)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S129	22	S127 and inverter	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S130	47	S127 and converter	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S131	37	S130 not S129	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S132	795	(180/291).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S133	757	S132 not (S127 or S116 or S117 or S118 or S119 or S120)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S134	4	S133 and inverter	US-PGPUB; USPAT	OR	ON	2010/06/15 21:43
S135	674	(180/292,296).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S136	2	("20020189873" "6402229").PN. OR ("7222692").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S137	582	S135 not (S132 or S127 or S116 or S117 or S118 or S119 or S120)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S138	980	(180/311,312).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S139	812	S138 not (S135 or S132 or S127 or S116 or S117 or S118 or S119 or S120)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43

S140	1024	(180/232,274).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S141	977	S140 not (S138 or S135 or S132 or S127 or S116 or S117 or S118 or S119 or S120)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S142	216	(180/65.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S143	327	(180/297).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S144	225	S143 not (S140 or S138 or S135 or S132 or S127 or S116 or S117 or S118 or S119 or S120)	US-PGPUB; USPAT	OR	OFF	2010/06/15 21:43
S145	2733	(180/271,274).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S146	246	S145 and (inverter or converter)	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 21:43
S147	36	"191385"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 21:43
S148	0	"2002191385"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 21:43
S149	1	"20020191385"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 21:43
S150	1	"20030066694"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 21:43
S151	1	("6402229").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/15 21:43
S152	1	"20090256420"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/15 21:43

S153	23	(US-20040251858-\$ or US-20050132726-\$ or US-20040124332-\$ or US-20040266241-\$ or US-20050205316-\$ or US-20030047366-\$ or US-20040159478-\$ or US-20020191385-\$ or US-20090256420-\$).did. or (US-6426608-\$ or US-6827168-\$ or US-6922990-\$ or US-7025160-\$ or US-4976327-\$ or US-6422197-\$ or US-7145788-\$ or US-6892713-\$ or US-6889672-\$ or US-7044246-\$ or US-6828755-\$ or US-5476151-\$ or US-7343992-\$ or US-7222692-\$).did.	US-PGPUB; USPAT	OR	ON	2010/06/15 22:46
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EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S70	10	(180/271,274,65.22).OCLS.	UPAD	OR	OFF	2010/03/10 22:42
S71	273	inverter and vehicle and radiator and force	USPAT; UPAD	OR	ON	2010/03/10 22:45
S72	13	("4815984" "5234360" "5829129" "5969907" "5971799" "6069319" "6142556" "6195884" "6220874" "6291770" "6429544" "6439923" "6503098").PN.	US- PGPUB; USPAT	OR	ON	2010/03/10 22:49
S154	7	(180/271,274,65.22).OCLS.	UPAD	OR	OFF	2010/06/15 21:43
S155	274	inverter and vehicle and radiator and force	USPAT; UPAD	OR	ON	2010/06/15 21:43
S156	13	("4815984" "5234360" "5829129" "5969907" "5971799" "6069319" "6142556" "6195884" "6220874" "6291770" "6429544" "6439923" "6503098").PN.	US- PGPUB; USPAT	OR	ON	2010/06/15 21:43
S157	2	"Term Removed"	USPAT	OR	ON	2010/06/15 22:46

6/ 18/ 2010 9:59:15 AM

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INVERTER BUFFER STRUCTURE FOR HYBRID VEHICLE.wsp